

ABSTRACT

A method for sampling an image signal and an image sensing apparatus therefor are provided. In the apparatus and method, image sensor cells in the image cell array are divided into a plurality of image cell groups before sampling. Since an image to be sampled is divided into a plurality of portions, the present invention does not require buffers with high capacity for image processing after sampling, or memories with high capacity for storing sampled images. Therefore, a cost for image sampling is significantly reduced. In addition, by dividing the image to be sampled into a plurality of portions, it is not necessary to divide the sampled image during image processing, which also significantly reduces the time for image processing and improves the performance and efficiency thereof.